

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 E03D9/04 E03D9/05

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 E03D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No.  |
|------------|--|------------------------|
| X          | PATENT ABSTRACTS OF JAPAN<br>vol. 2003, no. 08,<br>6 August 2003 (2003-08-06)<br>& JP 2003 096874 A (MARUHARA TAKESHI; SATO<br>TSUTOMU), 3 April 2003 (2003-04-03)<br>abstract | 1, 4, 15,<br>17        |
| Y          |  | 2, 3, 5,<br>11, 12, 14 |
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| A          | the whole document   | 4, 17                  |
|            | ---<br>-/-   |                        |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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Date of the actual completion of the international search

5 July 2004

Date of mailing of the international search report

12/07/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
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